

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 4 | 348/246,247.ccls. and (amplitude with luminance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/09 14:12 |
| L2 | 14 | ((defect\$3 or bad or dead or faulty with pixel) and (amplitude with luminance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/09 14:16 |
| L3 | 123 | ((defect\$3 or bad or dead or faulty with pixel) and (compar\$3 with luminance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/09 14:19 |
| L4 | 2 | 09/475652 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/09 14:23 |
| L5 | 1 | 09/771741 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/09 14:34 |
| L6 | 2 | "5327246".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/09 14:34 |
| S1 | 118 | 348/246.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 10:26 |
| S2 | 85 | 348/246.ccls. and @ad<="20010129" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 10:26 |
| S3 | 145 | 348/246,247.ccls. and @ad<="20010129" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 10:28 |
| S4 | 258 | 348/246,247,333.02.ccls. and @ad<="20010129" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 10:33 |

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|-----|------|--|---|----|----|------------------|
| S5 | 4 | takatsugu with nakajima.in. and defect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 10:29 |
| S6 | 236 | 348/246,247,333.02.ccls. and @ad<="20000129" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 10:33 |
| S7 | 236 | 348/246,247,333.02.ccls. and @ad<="20000131" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 10:34 |
| S8 | 1567 | display with defect\$3 with pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 14:08 |
| S9 | 954 | display with defect\$3 with pixel\$1 and @ad<="20000131" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 14:25 |
| S10 | 310 | user with (defect\$3 or bad or faulty or deficient) with display and @ad<="20000131" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 14:28 |
| S11 | 1 | user with (defect\$3 or bad or faulty or deficient) with display and @ad<="20000131" and 348/266, 247,333.02.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 14:28 |
| S12 | 14 | user with (defect\$3 or bad or faulty or deficient) with display and @ad<="20000131" and "348"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 14:49 |
| S13 | 1587 | (horizontal with cursor) and (vertical with cursor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 14:50 |
| S14 | 127 | (horizontal with cursor) and (vertical with cursor) and "348"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 14:50 |

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| S15 | 107 | (horizontal with cursor) and (vertical with cursor) and "348"/\$. ccls. and @ad<="20000131" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 14:52 |
| S16 | 3 | (horizontal with cursor) and (vertical with cursor) and "348"/\$. ccls. and ((bad or defect\$3 or dead or deficient or fault\$2) with pixel) and @ad<="20000131" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 09:42 |
| S17 | 65 | bayer with interpolation and @ad<="20001231" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 18:03 |
| S18 | 0 | 4x4 with size with color with correct\$3 and @ad<="20001231" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 18:03 |
| S19 | 0 | 5x5 with size with color with correct\$3 and @ad<="20001231" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 18:04 |
| S20 | 0 | 5x5 with color with correct\$3 and @ad<="20001231" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 18:04 |
| S21 | 6 | 5x5 and color with correct\$3 and @ad<="20001231" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 18:08 |
| S22 | 2 | "6628828" and (color with correct\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/07 18:09 |
| S23 | 1 | 09/771741 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 12:28 |
| S24 | 2 | "6683652".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 11:02 |

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| S25 | 0 | "6683652".pn. and ("132" with ic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 11:03 |
| S26 | 0 | "6683652".pn. and ("132" same ic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 11:03 |
| S27 | 0 | "6683652".pn. and (mem same ic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 11:03 |
| S28 | 0 | "6683652".pn. and (memor\$3 same ic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 11:04 |
| S29 | 2 | "6683652".pn. and (detach\$3 or remov\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 11:04 |
| S30 | 2 | "6683652".pn. and (detach\$4 or remov\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 11:04 |
| S31 | 53 | color with horizontal with cursor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 12:29 |
| S32 | 78 | color same (horizontal with cursor) same (vertical with cursor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 12:29 |
| S33 | 70 | color same (horizontal with cursor) same (vertical with cursor) and @ad<="20010129" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 12:30 |
| S34 | 6 | color same (horizontal with cursor) same (vertical with cursor) and @ad<="20010129" and flicker\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 13:04 |

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| S35 | 1 | color same (horizontal with cursor) same (vertical with cursor) and @ad<="20010129" and ((defect\$3 or bad or faulty or deficient) with pixel\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 13:06 |
| S36 | 7 | (color with pixel with flicker\$3) and @ad<="20010129" and ((defect\$3 or bad or faulty or deficient) with pixel\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 13:47 |
| S37 | 142 | (color with pixel with (flicker\$3 or flutter\$3 or fluctuat\$3)) and @ad<="20010129" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 14:37 |
| S38 | 466 | (defect\$3 or bad or faulty or deficient or dead) with pixel with (color or red or blue or green) and @ad<="20000128" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 14:38 |
| S39 | 104 | (defect\$3 or bad or faulty or deficient or dead) with pixel with display\$2 with (color or red or blue or green) and @ad<="20000128" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 14:52 |
| S40 | 64 | kenkichi.in. and fuji.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 14:52 |
| S41 | 3 | kenkichi.in. and fuji.as. and defect\$3 with pixel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 14:53 |
| S42 | 0 | "09769721" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 18:13 |
| S43 | 1 | "09/769721" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 18:33 |
| S44 | 2 | "5196939".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:10 |

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| S45 | 2 | "5541654".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:10 |
| S46 | 0 | "5196939".pn. and "5541654".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:10 |
| S47 | 4 | "5196939".pn.",5541654".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:19 |
| S48 | 273 | segment\$2 with charge with transfer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:19 |
| S49 | 17 | segment\$2 with charge with transfer and (shift with rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:26 |
| S50 | 13 | segment\$2 with charge with transfer and (shift with rate) and @ad<="20010124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:42 |
| S51 | 2331 | low\$2 with shift with rate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:42 |
| S52 | 17 | low\$2 adj shift adj rate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:42 |
| S53 | 16 | low\$2 adj shift adj rate and @ad<="20010125" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:43 |
| S54 | 20111839 | shift adj rate and scan\$4 @ad<="20010125" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:44 |

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| S55 | 234 | shift adj rate and scan\$4 and @ad<="20010125" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:44 |
| S56 | 45 | shift adj rate and scanner and @ad<="20010125" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 19:45 |
| S57 | 17 | rapid adj shift and scanner and @ad<="20010125" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 20:06 |
| S58 | 26 | longer adj shift\$3 adj time\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 20:20 |
| S59 | 4051 | (lower or less or slower) with charge with transfer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 20:21 |
| S60 | 156 | (lower or less or slower) with charge with transfer with rate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 20:21 |
| S61 | 133 | (lower or less or slower) with charge with transfer with rate and @ad<="20001024" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/10 20:22 |
| S62 | 292 | 348/311.ccis. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 11:50 |
| S63 | 292 | 348/311.ccis. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 11:51 |
| S64 | 252 | 348/311.ccis. and @ad<="20010124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 14:01 |

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| S65 | 151 | 348/314.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 14:01 |
| S66 | 255 | 348/314,315.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 14:01 |
| S67 | 233 | 348/314,315.ccls. and @ad<="20010124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 14:01 |